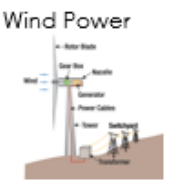
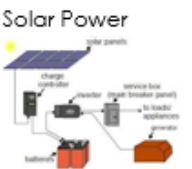
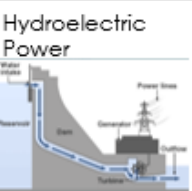
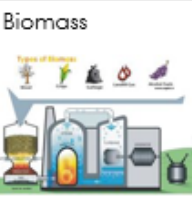







Key Vocabulary...		Renewable Energy...		Deeper Learning...
Finite resource	A finite resource is a useful material or substance that cannot be replenished over time.	Wind Power 	Generates electricity through the use of wind turbines. It is reliant on a steady source of wind and maintenance can be costly over time.	Social, Moral, Environmental and Sustainability issues Social We are all part of one world and we do rely upon each other. Any thing we can do to promote positive work or play is good however as designers we also have a responsibility to make sure designs don't have a negative impact. Products can really influence us as people and as designers we need to be positive role models encouraging 'Social Harmony'. Moral As a designer you have a moral responsibility to do the right thing. Moral issues is about being fair and honest. You should be thinking about what is 'right' for the consumer. For example a moral designer should be considering the safety of potential users as a high priority as well as making sure they don't feel uncomfortable or come to any harm. People with strong morals are honest and decent and will put other people before their own personal gain. Environmental & Sustainability When developing designs you need to think about environment and sustainability issues as we only have one planet and need to make sure we look after it. -The materials will have an impact of some kind -using materials that can be easily recycled is a good start - locally sourced uses less fuel - open cast mines and deforestation have negative impact Energy consumption is also important. A lot of energy comes from fossil fuels so needs to be reduced. An efficient making process uses less electricity and relies less on fossil fuels.
Sustainable resources	A sustainable resource is a resource that can be continuously replenished, or there is an endless amount of it.	Solar Power 	This form of energy relies on the nuclear fusion power from the core of the Sun. This energy can be collected and converted in a few different ways.	
User Centred Design	User Centred Design (UCD) process outlines the phases throughout a design and development life-cycle all while focusing on gaining a deep understanding of who will be using the product.	Hydroelectric Power 	This form uses the gravitational potential of elevated water that was lifted from the oceans by sunlight. It is not strictly speaking renewable since all reservoirs eventually fill up and require very expensive excavation to become useful again.	
Always remember...		Biomass 	is the term for energy from plants. Energy in this form is very commonly used throughout the world. Unfortunately the most popular is the burning of trees for cooking and warmth. This process releases copious amounts of carbon dioxide gases into the atmosphere and is a major contributor to unhealthy air in many areas.	
Two Point Perspective	Two point perspective drawing is a type of linear perspective. Linear perspective is a method using lines to create the illusion of space on a 2D surface. Two point perspective has two vanishing points. 	Sustainable Living...		
Elevations	ELEVATION PLAN. An elevation drawing is an orthographic projection drawing that shows one side of the house. The purpose of an elevation drawing is to show the finished appearance of a given side of the house and furnish vertical height dimensions. 	Sustainable living is a lifestyle that attempts to reduce an individual's or society's use of the Earth's natural resources and personal resources. Practitioners of sustainable living often attempt to reduce their carbon footprint by altering methods of transportation, energy consumption, and diet.		The Big Question...
Floor Plans	In architecture and building engineering, a floor plan is a drawing to scale, showing a view from above, of the relationships between rooms, spaces, traffic patterns, and other physical features at one level of a structure. Dimensions are usually drawn between the walls to specify room sizes and wall lengths. 	Carbon Footprint 		How can designers lessen the impact on our environment when designing new products? 
Activity – Using the two point perspective drawing technique, draw your house as accurately as you can. Bring it in to your next lesson so that you can show your classmates.				